

ABSTRACT

A method for increasing cerebral blood flow in a patient. A electrical stimulating device is provided. The electrical stimulating device is applied to the patient at a region adjacent the cervical sympathetic chain, the brain stem, the head, or the sympathetic nervous system. The
5 electrical stimulating device is applied by any route selected from transcutaneous, subcutaneous, and subarachnoid. The electrical stimulating device is activated to stimulate or inhibit nerve impulses of the cervical sympathetic chain, thereby producing vasodilation in the cerebral vasculature, thereby increasing cerebral blood flow. Devices for increasing cerebral blood flow in a patient are also described.

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